



New Mexico

Energy Estimator

Energy Consumption Awareness

The USDA is an equal opportunity provider and employer.

Oats in Northwest New Mexico

Total Farm Diesel Fuel Consumption Estimate (in gallons per year)

Crop	Acres	Conventional Tillage	Mulch-Till	No-Till
Oats	40	302	155	81
Total Fuel Use		302	155	81
Potential Fuel Savings over Conventional Tillage			147	221
Savings			49%	73%

Fuel use estimates do not consider differences in fuel use associated with crop yields, soil texture, slope, field size and shape, implement width, tractor size, tire inflation or driving techniques. Actual fuel use may vary significantly.

Corn in Northwest New Mexico

Total Farm Diesel Fuel Consumption Estimate (in gallons per year)

Crop	Acres	Conventional Tillage	Mulch-Till	Ridge-Till
Corn	40	333	204	122
Total Fuel Use		333	204	122
Potential Fuel Savings over Conventional Tillage			129	211
Savings			39%	63%

Fuel use estimates do not consider differences in fuel use associated with crop yields, soil texture, slope, field size and shape, implement width, tractor size, tire inflation or driving techniques. Actual fuel use may vary significantly.

Wheat in Northwest New Mexico

Total Farm Diesel Fuel Consumption Estimate (in gallons per year)

Crop	Acres	Conventional Tillage	Mulch-Till	No-Till
Wheat	40	280	191	81
Total Fuel Use		280	191	81
Potential Fuel Savings over Conventional Tillage			89	199
Savings			32%	71%

Fuel use estimates do not consider differences in fuel use associated with crop yields, soil texture, slope, field size and shape, implement width, tractor size, tire inflation or driving techniques. Actual fuel use may vary significantly.

These results are estimates based on the energy consumption awareness tool for tillage found at <http://ecat.sc.egov.usda.gov/Default.aspx>